

12. 26 06

1251/DPW
Jmoye

Docket No.: 213.1204-PCT-US

UNITED STATES PATENT & TRADEMARK OFFICE

Examiner: Unknown Art Unit: Unknown
Applicant: FILPULA, David R., et al.
Serial No.: 10/590,421
Filed August 22, 2006
For: **INTERFERON-BETA POLYMER CONJUGATES**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 21, 2006

Sir:

Pursuant to M.P.E.P. §609 and 37 C.F.R. §§1.56, 1.97-1.99, Applicants herewith submit forms PTO-1449 (7 pages), which list references cited in the International Search Report (ISR) dated June 16, 2006 and of which Applicants are aware for the present application. A copy of the ISR is enclosed herewith. It is noted that Applicants have not enclosed copies of the U.S. patents cited on form PTO-1449.

This submission does not represent that a search has been made or that no better art exists. While the term "references" is used in citing the documents called to the Examiner's attention herein, Applicants do not make any admission that each or all of them are "prior art" references within the meaning of the statutory and case law.

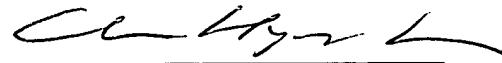
Applicants reserve the right to contend, where appropriate, that a reference asserted against any claim of the present application is not prior art under the facts and the law.

Applicants also reserve the right to present appropriate arguments and/or evidence to establish patentability over the references, should one or more of the references be applied against the claims of the present application.

Applicants request that the Examiner independently determine those items which the Examiner would consider the most pertinent of all the references cited herein.

This Information Disclosure Statement is filed with the application before the mailing of a first office action on the merits. Accordingly, this document complies with the requirements of 37 C.F.R. Section 1.97(b). It is respectfully requested that the references cited in the accompanying PTO-1449 form be considered and made of record.

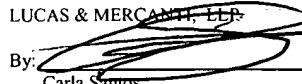
Respectfully submitted,
LUCAS & MERCANTI, LLP



Hyun Soon Cho
Recognition No. L0306

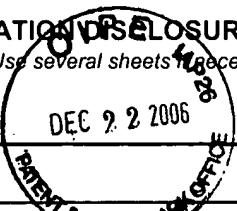
LUCAS & MERCANTI, LLP
475 Park Avenue South
New York, NY 10016
Phone: 212-661-8000
Fax: 212-661-8002

"Express Mail" mailing label no. EV 966 099 447 US
Date of Deposit December 21, 2006
I hereby certify that this correspondence and/or fee
is being deposited with the United States Postal Service
"Express Mail Post Office to Addressee" service under 37
CFR 1.10 on the date indicated above, in an envelope
addressed to: "Commissioner for Patents, P.O. Box
1450, Alexandria, VA 22313-1450".

LUCAS & MERCANTI, LLP
By: 
Carla Santos

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>			Docket Number (Optional) 213.1204-PCT-US		Application Number 10/590,421			
			Applicant(s) FILPULA, David R., et al.					
			Filing Date 08/22/2006		Group Art Unit Unknown			
			U.S. PATENT DOCUMENTS					
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A1	6,531,122	03/11/2003	Pedersen, et al.			08/25/2000	
	A2	4,766,106	08/23/1988	Katre, et al.			01/25/1988	
	A3	5,405,877	04/11/1995	Greenwald, et al.			08/29/1994	
	A4	5,738,846	04/14/1998	Greenwald, et al.			11/21/1995	
	A5	4,917,888	04/17/1990	Katre, et al.			12/11/1987	
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A6	2003/0138403	07/24/2003	Drstrup			06/28/2002	
	A7	2002/0172661	11/21/2002	Shirley, et al.			10/25/2001	
	A8	2002/0155547	10/24/2002	Whitty, et al.			04/11/2001	
	A9	2004/0126361	07/01/2004	Saifer, et al.			12/23/2003	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
	A9	WO 99/55377	11/04/1999	PCT			YES	NO
	A10	WO 00/23114	04/27/2000	PCT				
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
	A11	M. Karpasas, et al., THE STRUCTURE OF HUMAN INTERFERON..., CMLS, Cell. Mol. Life Sci., Vol. 54, pp. 1203-1216, 1998						
	A12	Luca Durelli, et al., EVERY-OTHER-DAY INTERFERON BETA-1b VERSUS ONCE WEEKLY INTERFERON BETA-1a..., The Lancet, Vol. 359, pp. 1453-1460						
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)



ATTY DOCKET NO. 213.1204-PCT-US	APPLICATION NO. 10/590.421
APPLICANT(S) FILPULA, David R., et al.	
FILING DATE 08/22/2006	GROUP ART UNIT Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A13	5,711,944	01/27/1998	Gilbert, et al.			11/10/1994
	A14	5,951,974	09/14/1999	Gilbert, et al.			12/19/1997
	A15	5,824,784	10/20/1998	Kinstler, et al.			10/12/1994
	A16	4,894,330	01/16/1990	Hershenson, et al.			12/23/1986
	A17	4,961,969	10/09/1990	Hershenson, et al.			04/11/1987

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A18	2003/0021765	01/30/2003	Pepinsky, Blake, et al.			04/11/2001

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	A19	Leo S. Lin, et al., PURIFICATION OF RECOMBINANT HUMAN INTERFERON..., Methods in Enzymology, Vol. 119, pp. 183-192
	A20	Philip C. Familletti, et al., A COVENIENT AND RAPID CYTOPATHIC EFFECT..., Methods in Enzymology, Vol. 78, pp. 387-394

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>				ATTY DOCKET NO. 213.1204-PCT-US		APPLICATION NO. 10/590,421	
				APPLICANT(S) FILPULA, David R., et al.		FILING DATE 08/22/2006	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A21	4,737,462	04/12/1988	Mark, et al.			07/10/1985
	A22	5,814,485	09/29/1998	Dorin, et al.			06/06/1995
	A23	5,015,730	05/14/1991	Friesen, et al.			07/14/1989
	A24	5,702,699	12/30/1997	Hanisch, et al.			06/07/1995
	A25	6,638,500	10/28/2003	EI-Tayar, et al.			10/30/2000
U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
							NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	A26	Dean Russell-Harde, et al., THE USE OF ZWITTERGENT 3-14 IN THE PURIFICATION OF RECOMBINANT..., Journal of Interferon and Cytokine Research, Vol. 15, pp. 31-37, 1995					
	A27	Taniguchi, et al., Gene 10, pp. 11-15, 1980					
EXAMINER				DATE CONSIDERED			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

DEC 9 2006

ATTY DOCKET NO.
213.1204-PCT-US

APPLICATION NO.
10/590,421

APPLICANT(S)
FILPULA, David R., et al.

FILING DATE
08/22/2006

GROUP ART UNIT
Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A28	6,113,906	09/05/2000	Greenwald, et al.			12/29/1998
	A29	4,179,337	12/18/1979	Davis, et al.			07/28/1977
	A30	5,795,779	08/18/1998	McCormick, et al.			08/12/1994
	A31	5,376,567	12/27/1994	McCormick, et al.			01/09/1992
	A32	4,966,843	10/30/1990	McCormick, et al.			07/31/1985

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		A33	Pepinsky, et al., The Journal of Pharm. and Exper. Ther., 297(3) pp. 1059-1066, 2001
		A34	Derynck, Nature, 285: pp. 542-547, 1980

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

DEC 9 2 2006

ATTY DOCKET NO.

213.1204-PCT-US

APPLICATION NO.

10/590,421

APPLICANT(S)

FILPULA, David R., et al.

FILING DATE

08/22/2006

GROUP ART UNIT

Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A35	4,588,585	05/13/1986	Mark, et al.			09/28/1984
	A36	4,737,462	04/12/1988	Mark, et al.			07/10/1985
	A37	5,109,120	04/28/1992	Ueno et al.			06/09/1989
	A38	6,531,122	03/11/2003	Pedersen, et al.			08/25/2000
	A39	4,959,314	09/25/1990	Mark, et al.			02/07/1985

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>				ATTY DOCKET NO. 213.1204-PCT-US		APPLICATION NO. 10/590,421	
				APPLICANT(S) FILPULA, David R., et al.		FILING DATE 08/22/2006	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A40	4,450,103	05/22/1984	Konrad, et al.			03/01/1982
	A41	6,107,057	08/22/2000	Crawford, et al.			02/24/1998
	A42	5,866,362	02/02/1999	Cousens, et al.			06/07/1995
	A43	5,523,215	06/04/1996	Cousens, et al.			04/16/1992
	A44	5,248,769	09/28/1993	Dorin			11/25/1991
U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
							NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
EXAMINER				DATE CONSIDERED			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> DEC 9 2 2006				Docket Number (Optional) 213.1204-PCT-US		Application Number 10/590,421	
				Applicant(s) FILPULA, David R., et al.		Filing Date 08/22/2006	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A45	4,656,132	04/07/1987	Ben-Bassat, et al.			03/28/1984
	A46	5,349,001	09/20/1994	Greenwald, et al.			01/19/1993
	A47	4,894,334	01/16/1990	Arie Ben-Bassat, et al.			04/06/1987
	A48	4,748,234	05/31/1988	Dorin , et al.			03/25/1986
U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	A49	Srirama M. Bhairi, Ph.D., A GUIDE TO THE PROPERTIES AND USES OF DETERGENTS...., Copyright updated 2001 by Calbiochem-Novabiochem Corp.					
	A50	Hubert F. Gaertner, et al., SITE-SPECIFIC ATTACHMENT OF FUNCTIONALIZED..., Bioconjugate Chem., Vol. 7, pp. 38-44, 1996					
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							